

Attorney Docket No.: **MGU-0027**
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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (canceled).

Claim 7 (currently amended): A method for identifying an agent which corrects protein misfolding of a mutant membrane-localized protein comprising

obtaining a cell which expresses a misfolded mutant membrane-localized protein, wherein said protein is tagged in ~~a~~ an extracellular loop domain with a biotin target sequence;

contacting the cell with a test agent and a biotin ligase in the presence of biotin so that the biotin target sequence tag of the protein is labeled; and

detecting the presence of labeled protein in the plasma membrane of the cell contacted with the test agent, wherein the presence of labeled protein in the plasma membrane indicates the agent corrects protein misfolding of the mutant membrane-localized protein.

Claim 8 (original): The method of claim 7, further comprising the step of contacting the cell with a permeabilizing agent before the step of detecting the presence of the labeled protein.